

STATE OF SOUTH AUSTRALIA.WHEAT PRODUCTIVITY CLASSIFICATION, 1930-31.

With a view to ascertaining the extent of acreage producing very high and very low average returns of wheat per acre, all wheat farms have been classified according to their productivity per acre. The accompanying return sets forth comparative details for the three seasons 1926-27, 1929-30 and 1930-31.

The total yields and averages per acre for the State for these seasons and the rainfall Agricultural Areas (April-Nov.) were respectively 35,558,711 bushels, av. 12.84 bushels, rainfall 13.40 inches; 23,345,093 bushels, av. 6.40 bushels, rainfall 9.57 inches; 34,871,526 bushels, av. 8.34 bushels, rainfall 11.31 inches.

For the three seasons respectively 2,896, 1,688 and 1,733 farmers reaped 18 bushels and upwards per acre producing 34.24%, 27.39% and 18.52% of the total wheat crop from 20.14%, 7.65% and 7.22% of the total area sown. The effect of the drier seasons of 1929-30 and 1930-31 is seen in the lower figures for high yields.

Last season very few farmers outside of the Central and Lower North Divisions reaped more than 18 bushels per acre. Over 50% of the farmers in the State harvested less than 9 bushels per acre, there even being over 1,100 such in each of the good Central and Lower North Divisions. The facts indicate the possibility in normal seasons of obtaining from a greater number of farmers increased average returns per acre from the already settled wheat areas with a consequent substantial increase in the aggregate for the State. The following are the details in Divisions :-

Divisions	Average Rainfall April-x Nov.	Average Wheat Yield	Wheat Farms with Yields of			
			Under 9 Bush	9 - 18 Bush.	18 Bush. & over	Total
	Inches	Bush.	No.	No.	No.	No.
Central	14.64	12.64	1,109	2,140	842	4,091
Lower North	10.55	11.27	1,135	1,465	529	3,129
Upper North	7.65	5.14	992	178	55	1,225
South Eastern	18.71	14.86	138	289	202	629
Western	9.07	4.47	2,268	351	27	2,646
Murray Mallee	10.62	8.72	1,410	830	78	2,318
Total 1930-31	11.31	8.34	7,052	5,253	1,733	14,038
1929-30	9.57	6.40	7,833	3,675	1,688	13,196
1928-19	9.39	7.79	7,094	4,619	1,673	13,386
1926-27	13.40	12.84	3,558	6,284	2,896	12,738
1925-26	11.27	11.68	4,557	5,278	2,413	12,248

x Rainfall averages over Agricultural Areas only.

W. L. JOHNSTON,

Statistical Office, ADELAIDE.
8th October, 1931.

GOVERNMENT STATIST & C.

PRODUCTIVITY OF WHEAT AREAS - SOUTH AUSTRALIA.

Comparative analysis of the Productivity of Wheat Areas per acre for the seasons 1926-27, 1929-30 and 1930-31.
Total average inches rainfall in Agricultural Areas (with April - November totals in parentheses)
1926 - 14.93 (13.40); 1929 - 12.48 (9.57); 1930 - 13.09 (11.31).

Production Groups	No. of Wheat Growers			Area of Crop			PRODUCTION.		
	1926-27	1929-30	1930-31	1926-27	1929-30	1930-31	1926-27	1929-30	1930-31
	No.	No.	No.	Ac.	Ac.	Ac.	Bush.	Bush.	Bush.
Under 3 Bush.	303	3,971	1,701	49,627	1,519,053	676,038	106,521	1,335,780	1,133,943
3 & under 6	1,210	2,077	2,678	236,770	630,237	969,786	1,083,678	2,714,327	4,208,643
6 " " 9	2,045	1,785	2,673	483,317	460,693	925,445	3,628,641	3,384,144	6,834,025
9 " " 12	2,372	1,499	2,279	579,433	345,759	647,462	5,966,460	3,555,757	6,697,991
12 " " 15	2,033	1,236	1,678	469,999	238,332	398,612	6,232,221	3,159,204	5,281,032
15 " " 18	1,879	940	1,296	391,692	172,699	261,328	6,364,917	2,801,985	4,258,564
18 " " 21	1,438	636	851	284,199	115,228	167,191	5,467,599	2,210,089	3,201,863
21 " " 27	1,103	697	706	216,927	118,089	114,762	5,013,904	2,771,387	2,661,654
27 " " 33	274	254	154	47,364	34,461	17,904	1,370,677	1,009,276	523,120
33 and up.	81	101	22	9,075	11,213	1,985	324,093	403,144	70,691
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Total under 9 % to total	3,558 (27.93)	7,833 (59.36)	7,052 (50.23)	769,714 (27.80)	2,609,983 (71.59)	2,571,269 (61.51)	4,818,340 (13.55)	7,434,251 (31.84)	12,176,611 (34.92)
Total 9 to 18 % to total	6,284 (49.33)	3,675 (27.85)	5,253 (37.42)	1,441,124 (52.06)	756,790 (20.76)	1,307,402 (31.27)	18,563,598 (52.21)	9,516,946 (40.77)	16,237,587 (46.56)
Total 18 & up. % to total	2,896 (22.74)	1,688 (12.79)	1,733 (12.35)	557,565 (20.14)	278,991 (7.65)	301,842 (7.22)	12,176,273 (34.24)	6,393,896 (27.39)	6,457,328 (18.52)
Grand Total	12,738 (100.00)	13,196 (100.00)	14,038 (100.00)	2,768,403 (100.00)	3,645,764 (100.00)	4,180,513 (100.00)	35,558,711 (100.00)	23,345,093 (100.00)	34,871,526 (100.00)

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